



16\_06 Seq Listing.ST25  
SEQUENCE LISTING

<110> Mirus Corporation  
Monahan, Sean  
Wolff, Jon  
Hagstrom, James  
Budker, Vladimir  
Rozema, David

<120> Compositions And Methods For Drug Delivery Using pH Sensitive Molecules

<130> 16.06

<140> 10/083,456

<141> 2002-02-26

<160> 10

<170> PatentIn version 3.1

<210> 1

<211> 14

<212> PRT

<213> Simian virus 40

<400> 1

Cys Gly Tyr Gly Pro Lys Lys Lys Arg Lys Val Gly Gly Cys  
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<210> 2

<211> 13

<212> PRT

<213> Simian virus 40

<400> 2

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<212> PRT

<213> Simian virus 40

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Cys Lys Lys Lys Ser Ser Ser Asp Asp Glu Ala Thr Ala Asp Ser Gln  
1 5 10 15

His Ser Thr Pro Pro Lys Lys Lys Arg Lys Val Glu Asp Pro Lys Asp  
20 25 30

Phe Pro Ser Glu Leu Leu Ser  
35

<210> 4

<211> 37

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<212> PRT

<213> Simian virus 40

<400> 4

Cys Lys Lys Lys Trp Asp Asp Glu Ala Thr Ala Asp Ser Gln His Ser  
1 5 10 15

Thr Pro Pro Lys Lys Lys Arg Lys Val Glu Asp Pro Lys Asp Phe Pro  
20 25 30

Ser Glu Leu Leu Ser  
35

<210> 5

<211> 31

<212> PRT

<213> Homo sapiens

<400> 5

Cys Tyr Asn Asp Phe Gly Asn Tyr Asn Asn Gln Ser Ser Asn Phe Gly  
1 5 10 15

Pro Met Lys Gln Gly Asn Phe Gly Gly Arg Ser Ser Gly Pro Tyr  
20 25 30

<210> 6

<211> 10

<212> PRT

<213> Human adenovirus type 1

<400> 6

Cys Lys Arg Gly Pro Lys Arg Pro Arg Pro  
1 5 10

<210> 7

<211> 22

<212> PRT

<213> Xenopus laevis

<400> 7

Cys Lys Lys Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln  
1 5 10 15

Ala Lys Lys Lys Lys Leu  
20

<210> 8

<211> 14

<212> PRT

<213> Homo sapiens

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<400> 8

Cys Lys Lys Lys Gly Pro Ala Ala Lys Arg Val Lys Leu Asp  
1 5 10

<210> 9

<211> 21

<212> PRT

<213> Artificial

<220>

<223> synthetic amphipathic peptide

<400> 9

Lys Leu Leu Lys Leu Leu Leu Lys Leu Trp Leu Lys Leu Leu Lys Leu  
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Leu Leu Lys Leu Leu  
20

<210> 10

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<212> PRT

<213> Artificial

<220>

<223> poly aspartic acid octamer

<400> 10

Glu Glu Glu Glu Glu Glu Glu Glu  
1 5